

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mike Lankford  
Gadsden Water Works  
515 Albert Rains Blvd  
Gadsden, Alabama 35901

Generated 2/16/2026 10:18:17 PM

**JOB DESCRIPTION**

PFAS - Gadsden

**JOB NUMBER**

810-180283-1

# Case Narrative

Client: Gadsden Water Works  
Project: PFAS - Gadsden

Job ID: 810-180283-1

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**Eurofins South Bend**

## Job Narrative 810-180283-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 2/10/2026 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

### PFAS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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# Client Sample Results

Client: Gadsden Water Works  
Project/Site: PFAS - Gadsden

Job ID: 810-180283-1

## Client Sample ID: GADSDEN RW

Lab Sample ID: 810-180283-1

Date Collected: 02/08/26 22:01

Matrix: Drinking Water

Date Received: 02/10/26 09:45

### Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	0.000018		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorohexanoic acid (PFHxA)	0.000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorooctanoic acid (PFOA)	0.000018		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000027		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorobutanesulfonic acid (PFBS)	0.000035		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluoroheptanoic acid (PFHpA)	0.0000066		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorononanoic acid (PFNA)	0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 07:55	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
13C2 PFHxA	97		70 - 130			02/10/26 16:09	02/12/26 07:55	1
13C2 PFDA	107		70 - 130			02/10/26 16:09	02/12/26 07:55	1
13C3 HFPO-DA	102		70 - 130			02/10/26 16:09	02/12/26 07:55	1
d5-NEtFOSAA	108		70 - 130			02/10/26 16:09	02/12/26 07:55	1

## Client Sample ID: GADSDEN FW

Lab Sample ID: 810-180283-2

Date Collected: 02/09/26 11:00

Matrix: Drinking Water

Date Received: 02/10/26 09:45

### Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	0.000015		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorohexanoic acid (PFHxA)	0.000018		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorooctanoic acid (PFOA)	0.000016		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000022		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorobutanesulfonic acid (PFBS)	0.000063		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluoroheptanoic acid (PFHpA)	0.0000060		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1

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# Client Sample Results

Client: Gadsden Water Works  
Project/Site: PFAS - Gadsden

Job ID: 810-180283-1

**Client Sample ID: GADSDEN FW**

**Lab Sample ID: 810-180283-2**

Date Collected: 02/09/26 11:00

Matrix: Drinking Water

Date Received: 02/10/26 09:45

**Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		02/10/26 16:09	02/12/26 08:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
13C2 PFHxA	101		70 - 130			02/10/26 16:09	02/12/26 08:06	1
13C2 PFDA	111		70 - 130			02/10/26 16:09	02/12/26 08:06	1
13C3 HFPO-DA	110		70 - 130			02/10/26 16:09	02/12/26 08:06	1
d5-NEtFOSAA	87		70 - 130			02/10/26 16:09	02/12/26 08:06	1

**Client Sample ID: Field Blank**

**Lab Sample ID: 810-180283-3**

Date Collected: 02/09/26 11:00

Matrix: Drinking Water

Date Received: 02/10/26 09:45

**Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		02/13/26 02:53	02/14/26 03:56	1

Eurofins South Bend

**Eurofins Eaton Analytical South Bend**  
 110 S Hill Street  
 South Bend, IN 46617  
 Phone: 574-233-4777 Fax: 574-233-4778



**Chain of Custody Record**

**eurofins** Environment Testing

**Client Information**  
 Client Contact: Mike Lankford  
 Company: Gadsden Water Works  
 Address: 515 Albert Rains Blvd  
 City: Gadsden  
 State: AL 35901  
 Phone: 810-180283 COC

Sampler: **MICHAEL BROOKS**  
 Project: **2567543-2884**  
 PWSID:

Lab P/N: Nathan Trowbridge  
 Email: Nathan.Trowbridge@eai.eurofins.com

Carrier Tracking No(s):  
 State of Origin:

COC No: 810-63856-12932.1  
 Page: Page 1 of 1  
 Job #:

Due Date Requested:  
 TAT Requested (days):

Compliance Project:  Yes  No  
 PO #:  
 Purchase Order not required  
 WQ #:

**Analysis Requested**

Preservation Codes:  
 Y - Trzma

Project Name: PFAS  
 Email: mlankfor@gadsdenwater.org

Site: **GADSDEN**

Project # 81004291  
 SSO#:

Other:

Total Number of containers: **10**

Special Instructions/Note:  
**Turbidity**  
**LO**

Initial Temp: 1.2  
 Correction: 2.0  
 IR Gun # 8205

**PFAS Preservation Kit  
 Verified to Matrix**

**Possible Hazard Identification**  
 Non-Hazard  
 Flammable  
 Skin Irritant  
 Poison B  
 Unknown  
 Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  
 Disposal By Lab  
 Archive For \_\_\_\_\_ Months

Relinquished by: **HBROOKS**  
 Relinquished by: **HBROOKS TO COOLAR**

Date: **8/19/20** 1130  
 Date/Time: **8/19/20** 1130  
 Date/Time: \_\_\_\_\_

Received By: **Shm**  
 Received By: \_\_\_\_\_  
 Received By: \_\_\_\_\_

Method of Shipment: \_\_\_\_\_  
 Date/Time: **8/19/20** **0845**  
 Date/Time: \_\_\_\_\_

Body Seals Intact:  Yes  No  
 Custody Seal No.: \_\_\_\_\_  
 Company: **50053**  
 Company: \_\_\_\_\_  
 Company: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_